

REMARKS

Claims 1-8 are pending in this application. By this Amendment, Figs. 22-25C are replaced pursuant to the attached drawing sheets, and claims 1, 2 and 4 are amended to recite features supported in the specification at paragraphs [0048] – [0049] and Figs. 3A-3C. No new matter is added by any of these amendments.

Reconsideration based on the following remarks is respectfully requested.

I. Request for Acknowledgement that References are Considered of Record

An Information Disclosure Statement with Form PTO-1449 was filed on September 27, 2004. Applicant has not yet received back from the Examiner a copy of the Form PTO-1449 initialed to acknowledge the fact that the Examiner has considered the cited disclosed information. If the Examiner has not received the Information Disclosure Statement, the Examiner is requested to contact the undersigned.

The Examiner is requested to initial and return to the undersigned a copy of the subject Form PTO-1449. For the convenience of the Examiner, a copy of that form and the PTO date-stamped receipt is attached.

II. The Drawings Satisfy All Formal Requirements

The Office Action objects to the drawings based on informalities. Figures 22-25C are replaced pursuant to the attached drawing sheets, to add the legend “Related Art”, as described in the specification. Figure 26 is similar to Figure 16 and not described in context of the Background. Withdrawal of the objection to the drawings is respectfully requested.

III. The Specification Satisfies All Formal Requirements

The Office Action objects to the specification based on informalities. In particular, the specification is objected to for “failing to provide proper antecedent basis” for the claimed subject matter. Claim 4 has been amended to obviate the objection. Withdrawal of the objection to the specification is respectfully requested.

IV. The Claims Satisfy All Formal Requirements

The Office Action implicitly objects to claims 4 and 5 based on informalities related to the phrase “the opposite electrode covering the terminals” allegedly lacking antecedent basis in the specification. Claim 4 has been amended to obviate the objection by deleting “covering the terminals” at line 8.

V. Claims 1-8 Define Patentable Subject Matter

The Office Action rejects claims 1-3 and 6-8 under 35 U.S.C. §102(b) over Applicant’s allegedly Admitted Prior Art (hereinafter “APA”). The Office Action further rejects claims 1-3 under 35 U.S.C. §103(a) over U.S. Patent 5,684,365 to Tang *et al.* (hereinafter “Tang”). The Office Action implicitly rejects claim 5 under 35 U.S.C. §103(a) over the APA and does not address claim 4. These rejections are respectfully traversed.

Neither the APA nor Tang teaches or suggests a display device having, an opposite electrode; and a plurality of pixels, each of the plurality of pixels including: a pixel electrode, and an organic semiconductive film deposited between the pixel electrode and the opposite electrode, the organic semiconductive film being surrounded by an insulating film that includes a plurality of insulating layers, the opposite electrode and the insulating film not being formed in a region where a terminal is formed, as recited in claim 1.

Further, the APA and Tang fail to teach or suggest a display device including a plurality of scanning lines formed above a substrate, a plurality of data lines formed above the substrate, a plurality of common feed lines formed above the substrate, a plurality of pixel electrodes disposed correspondingly to intersections between the plurality of data lines and the plurality of scanning lines, each of the plurality of pixel electrodes being electrically connectable to one common feed line of the plurality of common feed lines through a transistor, an opposite electrode formed for the pixel electrodes in common, an insulating film that includes a plurality of insulating layers disposed between the data lines and the

opposite electrode, and terminals formed above the substrate, the terminals being not covered by the opposite electrode and the insulating film, as recited in claim 2.

Nor do the APA and Tang teach or suggest a display device including a substrate, terminals formed on the substrate, a plurality of pixel electrodes disposed in a display section of the substrate, and an opposite electrode formed over the display section, an organic semiconductive film being disposed between each of the plurality of pixel electrodes and the opposite electrode, the organic semiconductive film being surrounded by an insulating film that includes a plurality of insulating layers, and the insulating film being formed for a display section other than a region where a terminal is formed, as recited in claim 4.

Instead, the APA discloses an active matrix organic EL display device. In particular, the APA teaches an opposite electrode *op* and an inorganic insulating film *bank* formed over a dataline *sig* and a common feed line *com* (paragraphs [0005], [0010], [0011] and Figs. 24A and 25C of the APA). There is no teaching or suggestion in the APA for an insulating film that includes a plurality of insulating layers, as recited in Applicant's claimed features.

A claim must be literally disclosed for a proper rejection under §102. This requirement is satisfied "only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference" (MPEP §2131). Applicant asserts that the Office Action fails to satisfy this requirement with the APA.

Further, Tang discloses an active TFT organic EL display panel. In particular, Tang teaches a polysilicon island 48 is formed over the substrate 41 and connected to an ITO anode 72 that is covered by a passivating layer 74 or an organic EL layer 82 that forms an EL cathode 84 (col. 6, lines 45-50; col. 7, lines 26-31, 42-43; col. 9, lines 60-65 and Figs. 1 and 3 of Tang). There is no teaching or suggestion in Tang for an organic semiconductive film deposited between an pixel electrode and an opposite electrode, the organic semiconductive film being surrounded by a multi-layered insulating film, the opposite electrode and the

insulating film being formed in a region other than where a terminal is formed, as recited in Applicant's claimed features.

Further, there would have been no motivation to modify features related to the ITO anode of Tang or the inorganic insulating film of the APA, nor has the Office Action established sufficient motivation for a *prima facie* case of obviousness. Even assuming that motivation to modify the applied references would have been established, the modification fails to teach or suggest Applicant's claimed features.

A *prima facie* case of obviousness for a §103 rejection requires satisfaction of three basic criteria: there must be some suggestion or motivation either in the references or knowledge generally available to modify the references or combine reference teachings, a reasonable expectation of success, and the references must teach or suggest all the claim limitations (MPEP §706.02(j)). Applicant asserts that the Office Action fails to satisfy these requirements with the APA and Tang.

For at least these reasons, Applicant respectfully asserts that the independent claims are now patentable over the applied references. The dependent claims are likewise patentable over the applied references for at least the reasons discussed as well as for the additional features they recite. Consequently, all the claims are in condition for allowance. Thus, Applicant respectfully requests that the rejections under 35 U.S.C. §§102 and 103 be withdrawn.

VI. Conclusion

In view of the foregoing amendments and remarks, Applicant respectfully submits that this application is in condition for allowance. Favorable reconsideration and prompt allowance are earnestly solicited.

Should the Examiner believe that anything further is desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact Applicant's undersigned representative at the telephone number listed below.

Respectfully submitted,



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Gerhard W. Thielman
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JAO:GWT/gwt

Attachments:

Replacement Drawing Sheets Figs. 22-25C
Copy of earlier filed PTO-1449

Date: November 9, 2004

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Amendments to the Drawings:

The attached sheets of drawings includes legend additions to Figs. 22-25C. These sheets, which include Figs. 22-25C, replace the original sheets including Figs. 22-25C.

Attachment: Replacement Sheets: Figs. 22-25C

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The following papers have been filed:

IDS w/Ck. No. 158941 (\$180); PTO-1449; 3 refs w/abst & trans; 1 ref w/trans

Name of Applicant: Ichio YUDASAKA

Serial No.: 10/616,991

Atty. File No.: 103131.02

Title (New Cases):

Sender's Initials: JAO:GWT/tbh

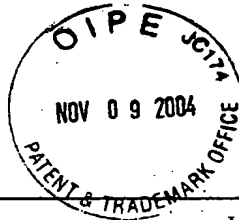


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Sheet 1 of 1

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| | | | | APPLICANT(S) Ichio YUDASAKA | | | |
| | | | | FILING DATE July 11, 2003 | | GROUP 2871 | |
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | | | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | |
| | 1 | JP A 2004-046210 w/abstract and translation | 02-12-2004 | Japan | | | |
| | 2 | JP A 59-058468 w/translation | 04-04-1984 | Japan | | | |
| | 3 | JP A 08-241048 w/abstract and translation | 09-17-1998 | Japan | | | |
| | 4 | JP A 11-003048 w/abstract and translation | 01-06-1999 | Japan | | | |
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| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

Date: September 27, 2004